

**LIST OF CURRENT CLAIMS**

1. (Currently Amended) Self-adhesive security label for a data carrier, ~~such as exemplified by a security document or a document of value, comprising with a substrate (40), to on the front side of which are applied security features (12-18, 42) and on the back side of which is provided with a cold adhesive foil (34), wherein characterized in that the security label includes contains an integrated circuit (30) disposed in a recess (36) of the adhesive foil adapted to store (34) for storing security data and an antenna (32) disposed intermediate between the substrate (40) and the adhesive foil (34) and said antenna connected with the integrated circuit so as to provide (30) for a contactless communication with the integrated circuit (30).~~
2. (Currently Amended) Security label according to claim 1, ~~wherein characterized in that the recess (36) with the integrated circuit (30) is closed by a covering element (38), in particular a self-adhesive covering element.~~
3. (Currently Amended) Security label according to claim 1, ~~wherein or 2, characterized in that the antenna (32) is printed on, bonded to or embossed into the substrate (40).~~
4. (Currently Amended) Security label according to claim 1, wherein at least one of claims 1 to 3, characterized in that the front-side security features are selected from the group consisting of have a passport photograph (12), a finely structured pattern, in particular a guilloche print, machine readable features, such as a machine readable note (14a-14e), fluorescent substances, magnetic or electrically conductive substances, or and a polydimensional bar code.
5. (Currently Amended) Security label according to claim 1, wherein at least one of claims 1 to 4, characterized in that the front-side security features contain a printed area (16, 18) produced by an intaglio printing method.
6. (Currently Amended) Security label according to claim 1, wherein at least one of claims 1 to 5, characterized in that the front-side security features (12-18, 42) at least

partially are covered with a foil (48), wherein the foil (48) ~~preferably~~ has a thickness of less than 20 micron, ~~especially preferred about 6 micron to about 12 micron.~~

7. (Currently Amended) Security label according to claim 6, wherein characterized in that the foil (48) contains holographic diffraction structures.

8. (Currently Amended) Security label according to claim 1, wherein ~~at least one of claims 1 to 7, characterized in that the substrate (40) is made of~~ comprises cotton paper or paper with a mixture of cotton/synthetic fiber.

9. (Currently Amended) Data carrier, ~~in particular document of value, such as bank note, passport, identification document, visa sticker or the like, with~~ carrying a security label (10) according to claim 1 ~~at least one of claims 1 to 8.~~

10. (Currently Amended) Data carrier according to claim 9, wherein characterized in that the adhesive adherence strengths of the cold adhesive foil (34) and of the bond between the integrated circuit (30) and the antenna (32) are adjusted relative to each other such that a removal of the security label (10) from the data carrier results in damaging the antenna (32) or separating the antenna (32) and from the integrated circuit (30).

11. (Currently Amended) Method for producing a self-adhesive security label for a data carrier including the following procedure steps:

- a) providing a substrate;
- b) applying security features to a front of the substrate;
- c) applying an antenna arrangement to a back of the substrate;
- d) applying a cold adhesive foil with a recess in the area of the antenna arrangement to the back of the substrate which is provided with the antenna arrangement, and
- e) incorporating an integrated circuit into the recess and connecting the integrated circuit with the antenna arrangement.

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12. (Currently Amended) Method according to claim 11, including applying characterized in that the antenna arrangement is applied by screen printing conductive inks.

13. (Currently Amended) Method according to claim 11, wherein the applying step comprises characterized in that the antenna arrangement is applied by hot stamping or bonding a conductive foil to the back of the substrate.

14. (Currently Amended) Method according to claim 11, wherein at least one of claims 11 to 13, characterized in that the recess of the adhesive foil after step e) is closed with a self-adhesive covering element.

15. (Currently Amended) Method according to claim 11, wherein at least one of claims 11 to 14, characterized in that in step b) is carried out by providing a reel-fed substrate with a background print by offset printing method

b1) the reel-fed substrate is provided with a background print by offset printing method.

16. (Currently Amended) Method according to claim 11, wherein at least one of claims 11 to 15, characterized in that the steps c) and d) are effected in a reel-fed manner.

17. (Currently Amended) Method according to claim 11, including carrying out at least one of claims 11 to 16, characterized in that in step b), by providing a printed area on the substrate by an intaglio printing method

b2) a printed area is produced on the substrate by intaglio printing method.

18. (Currently Amended) Method according to claim 17, wherein the intaglio printing characterized in that the step b2) is carried out in sheet format after the steps c) and d) and before step e).